IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.	:	10/524,128
Applicants	:	Yoshitsugu IIJIMA et al.
Filed	:	March 11, 2005
For	:	PROCESS FOR PRODUCING STEEL PRODUCT AND PRODUCTION FACILITY THEREFOR
Art Unit	:	1793
Examiner	:	Jie YANG
Docket No.	:	05092/HG
Confirm No.	:	2460
Customer No.	:	01933

DECLARATION UNDER 37 CFR 1.132

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313

MAIL STOP AF

S I R :

I, Yoshitsugu IIJIMA, declare as follows:

1. I am an inventor of the above-identified patent application.

2. My educational background is summarized as follows:

April 1987: I entered the Fourth Course of the Tokyo Institute of Technology.

April 1988: I entered the Department of Control and Systems Engineering of the Tokyo Institute of Technology.

April 1991: I graduated from the Tokyo Institute of Technology.

April 1991: I entered the Department of Mechanical and Control Engineering, Graduate School of Engineering, Tokyo Institute of Technology.

March 1993: I graduated from the Graduate School of Engineering, Tokyo Institute of Technology.

3. My work experience is summarized as follows:

a. Nippon Kokan K.K.

April 1993: I was employed by Nippon Kokan K.K.

1993 to 2003: I worked at the Measurement Research Department, Basic Technology Research Laboratories, wherein I was engaged in research concerning the development of control technology in a steel making process.

b. JFE Research Laboratories:

April 2003 to March 2008: I worked at the Measurement Research Department, wherein I was engaged in research pertaining to the

development of control technology in a steel making process.

c. JFE Steel Corporation

April 2008 to present: I have been engaged in equipment work and systems development for a hot-rolling line.

4. The methods set forth in applicants' claims 5, 8, 12 and 16 of the above-identified application have been applied to practical equipment for the first time in the world, have proven to be extremely effective and have received a very favorable evaluation from the public. In addition, the presently claimed invention has received a large number of technical awards.

The statements in the preceding paragraph are substantiated by the following documents submitted concomitantly herewith:

Appendix ①-1: Received the Sixth Prize (fiscal 2008) for Promoting Machine Industry Economy, Trade and Industrial Minister Award, Hot-Treatment On-Line Processes for Plates (HOP).

Appendix ①-2: Japan Society for Promotion of Machine Industry, THE TECHNICAL RESEARCH INSTITUTE, The Prize for Promoting Machine Industry.

Appendix ②-1: JFE Steel Receives the Economy, Trade and Industry Minister Award of the Monodzukuri (Manufacture) Grand Award Program.

Appendix ②-2: The Third Monodzukuri Nippon Grand Award.

It is respectfully submitted that the aforesaid documents establish a strong showing of commercial success as a secondary consideration of patentability for the claims set forth in the above-identified application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these

statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: August 26 2009 By: Yoshitsuga Iijima
Yoshitsugu IIJIMA

Received the Sixth Prize (fiscal 2008) for Promoting Machine Industry Economy, Trade and Industry Minister Award

～ Heat-treatment On-line Processes for Plates (HOP) ～

Our company received this time, for the equipment of the "Heat-treatment On-line Process for Plates (HOP)", the "Economy, Trade and Industry Minister Award" which is the highest award out of "The Sixth Prizes for Promoting Machine Industry", offered from the Japan Society for the Promotion of Machine Industry. The award distributed this time is based on the admiration of originality, progressive nature and economic efficiency of "HOP", the Heat-treatment On-line Process for Plates, which was put into practical use for the first time in the world. The "Economy, Trade and Industry Minister Award" of the Japan Society for the Promotion of Machine Industry is the first award ever received not only by our company off course, but also in the iron and steel industry. The commendation ceremony was held at Tokyo Prince Hotel (Minato-ku, Tokyo) yesterday and Mr. Hajime Bada, President of our company, attended the ceremony.

1 Outline of the awarded technology

(1) Award winning subject

"HOP", Heat-treatment On-line Process equipment for Plates

(2) Outline of the technology and criteria for receiving the award

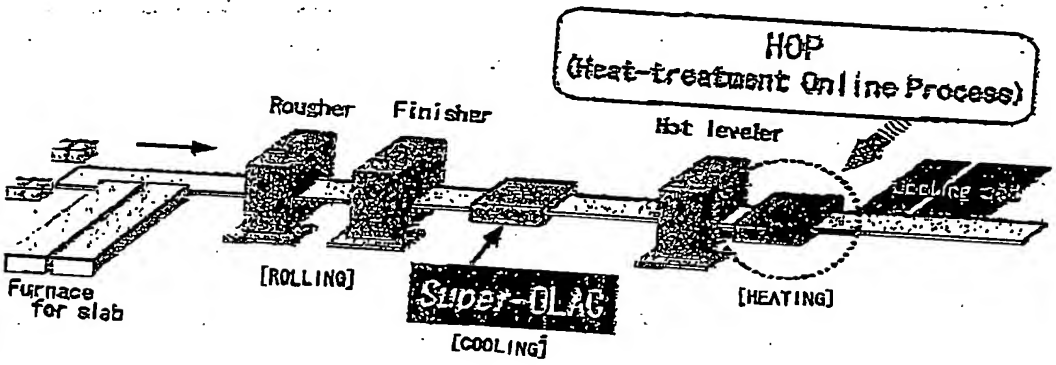
The equipment enabled continuous (on-line) heat treatment of plates on a rolling line for the first time in the world. The technology put into practice matters, such as, ① development of electric power for

large-scale induction heating for efficiently heating a plate running on-line, ② a concept conceived an operation of heating with a plurality of back and forth running of a plate through the induction heating device, and ③ development of control technology for accurately controlling the temperature (by plus or minus 10℃) of the steel plate surface. Thanks to the on-line heat treatment, the term of production of plates has become drastically reduced (reduced by 10 days) and also, the supply capacity has been substantially improved.

Further, by the simultaneous use of HOP technology with Super-OLAC (Note 1) applied to the accelerated cooling equipment, cooling and heating have become to be operated continuously with perfect freedom. (Note 2) As a result of this, new on-line quality control technology is established and there are developed epoch-making commercial products of distinctive characters such as, "JFE-HIPER (Note 3), a UOE steel tube for line pipe having excellent local buckling property" and "JFE-HYD960LE and JFE-HYD1100LE (Note *4), ultra high strength plates, High-ten ".

HOP

(Heat-treatment On-line Process)



HOP brings about the reduction of energy consumption in a plate manufacturing process, the weight savings of the final products by applying high strength steel products and contribution to the curtailment of the amount of CO^2 discharged.

(Note 1) Super-OLAC (On-Line Accelerated Cooling):

An on-line accelerated cooling equipment having the functions of high cooling speed and cooling with high accuracy. This is No. 1 advanced technology in rank in JFE Steel. Received the 49th Okochi Memorial Technology Prize. (March 2003)

(Note 2) Cooling and heating treatments in the plate manufacturing process:

To improve viscosity, tensile strength, bending strength of materials, cooling (quench hardening) and heating (tempering) are performed in the plate manufacturing process.

(Note 3) JFE-HIPER

UOE steel pipe for line pipe having excellent local buckling property. Steel pipe having excellent resistance to local wrinkle-shaped deformation which is generated when a large force is applied in an axial direction or when bending is applied. Used in large-distance pipe lines. Received the 34th Naoji Iwatani Memorial Prize (March 2008)

(Note 4) JFE-HYD960LE, JFE-HYD1100LE (HYD: High Yield Strength Steel, LE:

Leading-Edge (State-of-the-art)

High strength steel plate for construction and industrial machines. Received the 31st Technology Development Award of the Japan Institute of Metals. (September 2008)

2. Recipient of the award

Our company President and Representative Director Hajime Bada

3. Commendation ceremony

(1) Date & time: (Mon) January 19, 2009 15:00

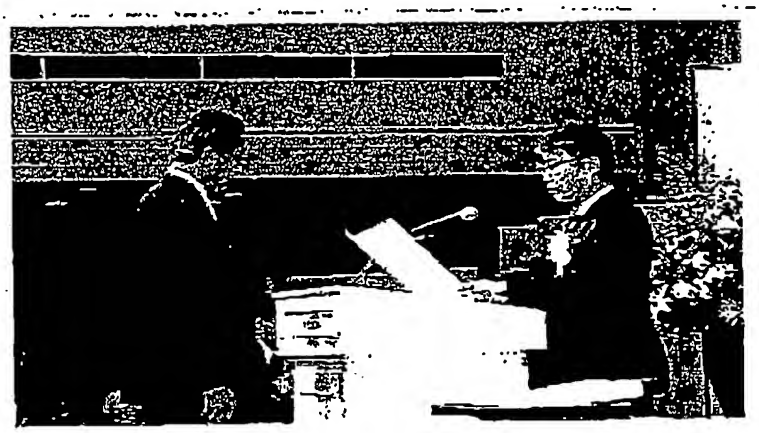
(2) Place : Tokyo Prince Hotel

We at our company will keep giving replies in detail to meet the various sophisticated requests from customers through our development of original equipment, technology and products.

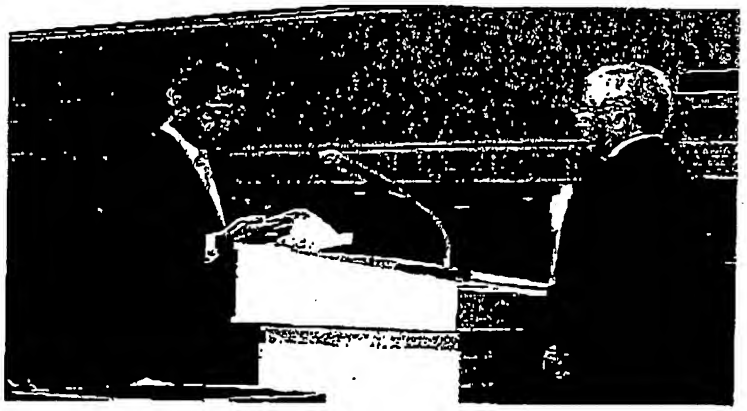
<Reference> The Prize for Promoting Machine Industry:
Sponsored by the Japan Society for the Promotion of Machine Industry (Chairperson: Shoichiro Toyota, honorary Chairman and Director of Toyota Motor Corporation)

"The Prize for Promoting Machine Industry" is awarded to companies and persons in charge of research and development accredited for the conspicuous achievements in the manufacture of new products, the improvement in the quality and performance of products or streamlining of production wherein the achievements are brought about by putting to practical use the outcome of research and development of the machine

industry technologies having originality, innovation and economic efficiency. "Medium and Small Business Research Institute Prize" and "Economy, Trade and Industry Minister Award" are given to distinguished developments among the award winning technologies.



Conferment of a certificate of merit (left: Hajime Bada, President, JFE Steel; right: Tetsuhiro Hosono, Director-General of the Manufacturing Industries Bureau of the Ministry of Economy, Trade and Industry)



Address of thanks representing the recipients of the awards (left: Hajime Bada, President, JFE Steel; right: Shoichiro Toyota, Chairperson of the Japan Society for the Promotion of Machine Industry)

HOP (Heat-treatment On-line Process) Equipment/
Sixth Prize for Promoting Machine Industry (Summary of the accomplishment)

Japan Society for the Promotion of Machine Industry
THE TECHNICAL RESERCH INSTITUTE

HOP (Heat-treatment On-line Process) Equipment

JFE Steel Corporation
Recommender: The Japan Iron and Steel Federation

Conventionally, in the production of steel plate, tempering after hot rolling was performed off-line. Therefore, the efficiency of the process was slower by single-digit when compared with rolling. In order to overcome this problem, equipment for heat-treatment on-line process, by using the induction heating system, was developed. As a result of this, an integrated on-line treatment involving quench hardening and tempering also became possible and consequently, there was brought about significant reduction (about 10 days) of manufacturing term and substantial increase of supply amount (60 thousand tons/year → 180 thousand tons/year). Further, by the technical development, the amount of exhaust CO_2 gas was significantly reduced (400 thousand tons/year). In addition, by the introduction of the induction heating system, there is cut out a path for the manufacture of new products of steel of high performance with high strength.

Japan Society for the Promotion of Machine Industry
THE TECHNICAL RESERCH INSTITUTE

JFE スチール 株式会社

2009年1月20日
JFEスチール株式会社

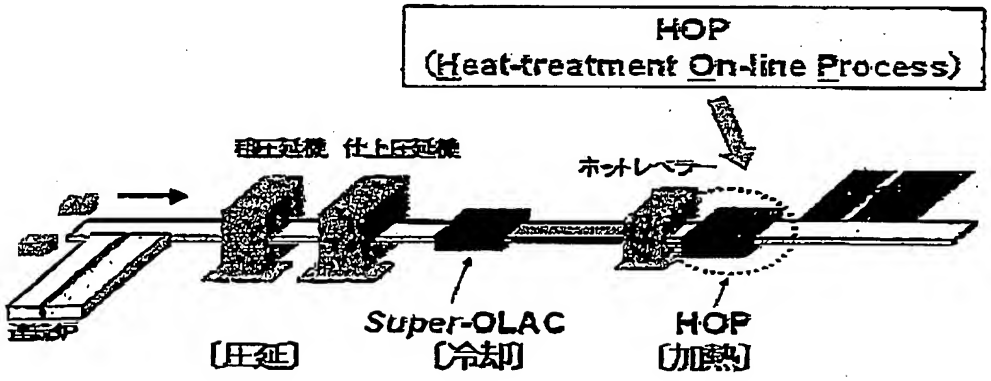
第6回(平成20年度)新機械振興賞 経済産業大臣賞を受賞
～厚板オンライン熱処理設備(HOP)～

当社はこの度、「厚板オンライン熱処理設備(HOP)」について、財団法人機械振興協会から「第6回新機械振興賞」の最優秀賞となる"経済産業大臣賞"を受賞しました。今回の受賞は、世界初の厚板オンライン熱処理を実現した"HOP"の独創性、革新性、経済性が高く評価されたものであり、新機械振興賞の"経済産業大臣賞"は当社としては勿論、鉄鋼業界としても初めての受賞となります。昨日、東京プリンスホテル(東京都港区)で表彰式が行われ、当社社長の馬田一が出席しました。

1. 受賞技術の概要

(1)件名:
厚板オンライン熱処理設備(HOP、Heat-treatment On-line Process)

(2)技術概要と受賞理由:
本設備は、世界で初めて厚板の圧延ライン上で連続(オンライン)熱処理を可能にしたものです。これは、①ライン上を走行する厚板を能率的に加熱するための、大規模誘導加熱電源の開発、②厚板が誘導加熱機を複数回往復するリバース搬送加熱運転コンセプトの考案、③鋼板表面温度を精密に管理(プラスマイナス10℃単位で)する制御技術の開発により実現しました。オンライン熱処理により、厚板の製造工期が飛躍的に短縮(10日間短縮)し、供給能力も大幅に向上しました。
また、HOPをオンライン加速冷却設備の*Super*-OLAC(注1)と併用することにより、冷却と加熱が自由自在に、かつ連続して付与することができるようになりました(注2)。この結果、新しいオンライン材質制御性技術が確立でき、「局部座屈性能に優れたラインパイプ用UOE鋼管JFE-HIPER(注3)」や「超高強度厚板ハイテンJFE-HYD960LE、JFE-HYD1100LE(注4)」などの画期的な独自商品を開発しました。



HOPは厚板製造プロセスにおけるエネルギー消費量を減少させ、また、製造された高強度鋼の適用による最終製品の軽量化も可能となり、CO_2排出量の削減にも寄与します。

(注1)*Super*-OLAC(On-Line Accelerated Cooling):
高冷却速度、高精度冷却機能を有するオンライン加速冷却設備。JFEスチールのナンバーワン先端技術。第49回大河内記念技術賞受賞(2003年3月)。

(注2)厚板製造プロセスにおける冷却、加熱処理:
材料の持つ粘り、引っ張り強度、曲げ強度を向上させるために、厚板製造プロセスで冷却(焼入れ)、加熱(焼戻し)を行う。

(注3)JFE-HIPER:
局部座屈性能に優れたラインパイプ用UOE鋼管。軸方向に大きな力を受けた際や曲げを受けたときに生じる局部的なしわ状の変形に対する抵抗の強い鋼管。長距離パイプラインに使用。第34回岩谷直治記念賞受賞(2008年3月)。

(注4)JFE-HYD960LE、JFE-HYD1100LE(HYD:High Yield Strength Steel、LE:Leading-Edge(最先端))
建産機械用の高強度鋼板。第31回日本金属学会技術開発賞受賞(2008年9月)。

2. 受賞者

当社 代表取締役社長 馬田 一

3. 表彰式

(1)日時:2009年1月19日(月)15:00
(2)場所:東京プリンスホテル

当社は今後も独自の設備・技術・商品の開発を通し、お客様の高度化する様々なご要望にきめ細かくお答えしてまいります。

<参考>新機械振興賞:
財団法人機械振興協会(会長 豊田章一郎・トヨタ自動車取締役名誉会長)の主催。
独創性、革新性及び経済性に優れた機械工業技術に係る研究開発及びその成果の実用化により、新製品の製造、製品の品質・性能の改善又は生産の合理化に顕著な業績をあげたと認められる企業等及び研究開発担当者を表彰対象とする。その中で特に優秀な開発には経済産業大臣賞及び中小企業長官賞が授与される。

賞状授与(左:馬田一 JFEスチール社長、右:細野哲弘 経済産業省製造産業局長)

受賞者代表謝意(左:馬田一 JFEスチール社長(受賞者代表)、右:豊田章一郎 機械振興協会会長)

関連情報 (製品情報 > 厚板)

本件に関するお問い合わせは、下記にお願い致します。
JFEスチール株式会社 総務部広報室 TEL 03 (3597) 3166

ニュースリリースへ戻る

(財)機械振興協会 技術研究所
東京都港区芝公園3丁目5番8号 機械振興会館

厚板オンライン熱処理設備

JFEスチール株式会社
推薦：(社)日本鉄鋼協会

従来の厚板鋼板の製造では、熱間圧延を行った後の焼戻し処理はオフラインであった。そのために圧延に比べ1桁以上能率が低いプロセスになっていた。この問題を解決するために、誘導加熱方式を用いた厚板オンライン熱処理設備を開発した。この結果、焼入れ焼戻しまでも一貫したオンライン処理が可能となり、製造工期の飛躍的な短縮（約10日間）と供給量の大幅な増加が実現できた（60千トン/年→180千トン/年）。また、この技術開発により、大幅なCO_2排出量の削減も実現できた（40万トン/年）。さらに、誘導加熱方式の導入により、高強度鋼に関する高機能新商品の製造に道を拓いた。

業績概要（681KB）

Japan Society for Promotion of Machine Industry
THE TECHNICAL RESERCH INSTITUTE

The Prize for Promoting Machine Industry

The Prize for Promoting Machine Industry

By taking account of the improvement of the level of technical developments in small and medium-sized enterprises and for the purpose of fostering further the technology developments of the machine industry in Japan by administering the evaluation of the technologies of large enterprises and those of small and medium-sized enterprises on equal terms, the Japan Society for the Promotion of Machine Industry has established, "Prize for Promoting Machine Industry" by consolidating the systems of former "Prize for Promoting Machine Industry" and "Prize for Promoting Machine Industry of Middle-ranking and Small and Medium-sized Enterprises".

The new awarding system has been established with an object of giving contribution to the promotion of the machine industry in our country by giving awards to enterprises, universities, research and development institutes and people in charge of research and development for their contribution to the progress and development of machine industry technologies which are achieved by, putting to practical use, the outcome of the excellent research and developments in the field of machine industry.

In the operation of the new awarding system, consideration is given to the promotion of the progress and the development of machine industry technologies, particularly in the fields of small and medium-sized enterprises in our country.

To achievements, which are recognized as particularly outstanding accomplishments, applications for the conferment of "Economy, Trade and Industry Minister Award" and "Award of Director-General of the Small and Medium Enterprise Agency" will be filed. Cash prize is offered from this society to persons, in charge of research and development, receiving the "Economy, Trade and Industry Minister Award" and "Prize of Director-General of the Small and Medium Enterprise Agency". The respective amount of cash prize is, 800 thousand yen for the "Economy, Trade and Industry Minister Award" and 500 thousand yen for the "Prize of Director-General of the Small and Medium Enterprise Agency".

新機械振興賞

新機械振興賞(The Prize for Promoting Machine Industry)

財団法人機械振興協会では、中小企業の技術開発水準の向上に鑑み、大企業と中小企業等の技術を対等の場で評価することにより、わが国機械工業における技術開発の一層の促進を図るため、「機械振興協会賞」及び「中堅・中小企業新機械開発賞」の制度を整理統合して、「新機械振興賞」を創設いたしました。

本制度は、機械工業に係る優秀な研究開発及びその成果の実用化によって機械工業技術の進歩・発展に著しく寄与したと認められる企業・大学・研究機関及び研究開発担当者を表彰することにより、わが国機械工業の振興に資することを目的とし、本制度の運営にあたっては、特に、わが国中小企業分野における機械工業技術の進歩・発展が促進されるよう配慮するものとしております。

特に優秀と認められる業績について経済産業大臣賞及び中小企業庁長官賞の授与を申請します。経済産業大臣賞及び中小企業庁長官賞を受賞する研究開発担当者に対しては、当協会より賞金を贈呈します。賞金の額は、経済産業大臣賞は80万円、中小企業庁長官賞は50万円です。

(新機械振興賞)[平成15年度～]
[The Prize for Promoting Machine Industry]

中小企業の技術開発水準の向上に鑑み、大企業と中小企業等の技術を対等の場で評価することにより、わが国機械工業における技術開発の一層の促進を図るため、「機械振興協会賞」及び「中堅・中小企業新機械開発賞」の制度を平成15年に整理統合し、経済産業省、中小企業庁、(財)JKA、(独)中小企業基盤整備機構、(社)日本機械工業連合会及び日本経済新聞社の後援のもとに平成15年度から実施されています。

平成15年度から平成20年度までの6回における応募件数は270件、受賞件数は51件です。

第1回(平成15年度)～ 第6回(平成20年度)の受賞者一覧

(機械振興協会賞)[昭和41年度～平成14年度]
[The Prize of Japan Society for the Promotion of Machine Industry]

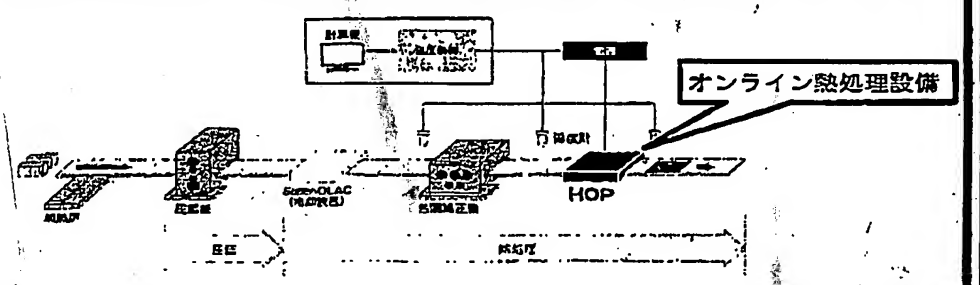
機械工業界における技術開発の推進に寄与するため、経済産業省と日本経済新聞社の後援のもとに昭和41年度から実施したものです。

産業社会を支えるものづくり	分類	製品・技術開発	企業別		
受賞件名	革新的厚鋼板製造プロセスを用いた建産機・エネルギープラント用高機能高強度厚鋼板				
受賞者	しかない のぶお 鹿内 伸夫 他9人	所属企業	JFEスチール株式会社		
所在	岡山県倉敷市		平均年齢	46歳	

案件の概要

厚鋼板の製造プロセスにおいて、急速加熱焼き戻し熱処理を活用した金属ミクロ組織の制御技術を確立。従来技術では到達し得なかった高強度と耐遅れ破壊特性、低温靭性、溶接施工性を同時に達成。

また、その制御を実現できる大型誘導加熱装置を圧延ライン上に実機化し、生産性の向上と大幅なエネルギー削減を達成。引張強さ780～1200MPa級の高機能高強度厚鋼板の新商品シリーズ化に成功し、超大型600トンクレーン等の大型構造物に使用されている。



APPENDIX ②-1

JFE Steel
Receives the "Economy, Trade and Industry Minister Award" of the Monodzukuri (Manufacture) Grand Award program

People of the Research Group, including Nobuo Shikanai, General Manager, Intellectual Property Department, JFE Steel, who received the "Economy, Trade and Industry Minister Award" of the third Monodzukuri (Manufacture) Grand Award program, attended last week a commendation ceremony and were honored with a certificate of commendation from Economy, Trade and Industry Minister Toshihiro Nikai.

People of the Research Group, including Mr. Shikanai, developed a high performance, high strength steel plate manufactured by their original process for manufacturing steel plates. Their effort for the development of excellent performance was highly evaluated.

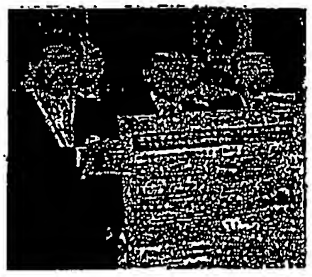


Photo: Economy, Trade and Industry Minister Nikai (middle) and JFE research group people.

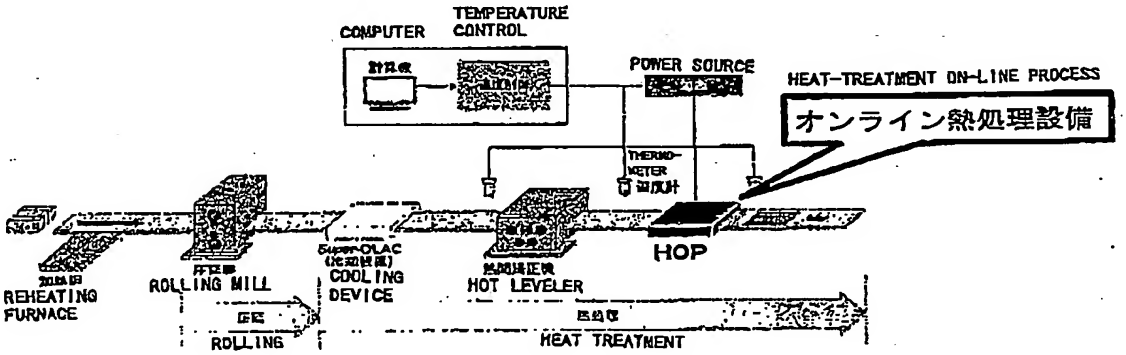
Manufacture, supporting industrial society	Classification	Product &Technology development	Type of Enterprise	
Awarded subject	High performance, high strength steel plate, for construction and industrial machine, produced by an innovative steel plate manufacturing process			
Award recipients	Nobuo Shikanai and 9 people		Employer	JFE Steel Corporation
Address	Kurashiki-shi, Okayama-ken		Average age	46 years

Outline of the awarded subject

Establishment of the technology of controlling micro metal structure, utilizing heat treatment by accelerated heating and tempering of a steel plate.

Simultaneous accomplishment of properties, including, high strength, resistance to delayed fracture, low temperature toughness and weldability.

Accomplishment of increase of productivity and substantial reduction of energy consumption by use of a large-sized induction heating device installed actually on a rolling line for the control mentioned above. New product series of a high performance, high strength steel plate of tensile strength of 780 to 1,200 MPa class are produced successfully and are used for large structures, such as, super-sized 600-ton cranes.



鉄鋼新聞　　平成

ものづくり大賞で「経産大臣賞」

JFEスチール

第3回ものづくり日本大賞で経済産業大臣賞を受賞したJFEスチールの鹿内伸夫知的財産部長らの研究グループが先週、都内で開かれた表彰式に臨み、二階俊博経済産業相から表彰状を授与された。

二階経産相㊥とJFEグループ研究スチール

鹿内氏らのグループは、独自の厚鋼板製造プロセスによる高機能高強度厚鋼板を開発。優れた性能を引き出した開発努力が高く評価された。

APPENDIX ②-1

JFE Steel
Receives the "Economy, Trade and Industry Minister Award" of the Monodzukuri (Manufacture) Grand Award program

People of the Research Group, including Nobuo Shikanai, General Manager, Intellectual Property Department, JFE Steel, who received the "Economy, Trade and Industry Minister Award" of the third Monodzukuri (Manufacture) Grand Award program, attended last week a commendation ceremony and were honored with a certificate of commendation from Economy, Trade and Industry Minister Toshihiro Nikai.

People of the Research Group, including Mr. Shikanai, developed a high performance, high strength steel plate manufactured by their original process for manufacturing steel plates. Their effort for the development of excellent performance was highly evaluated.

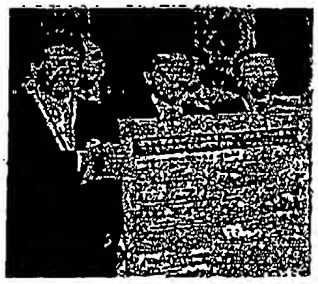


Photo: Economy, Trade and Industry Minister Nikai (middle) and JFE research group people.

APPENDIX ②-2

"The Third Monodzukuri Nippon Grand Award"

About The Monodzukuri Nippon Grand Award

To Japanese people who bear the task of Monodzukuri:

The Japanese Government established, as an awarding system, in August 2005, 'The Monodzukuri Nippon Grand Award" to be presented by Japanese Prime Minister.

This award was established with the goal of steadily succeeding and furthering, "monodzukuri" , which has supported the development of Japan' s industry and culture and has contributed to the formation of the affluent life of Japanese people, by rewarding those individuals whose achievements are recognized as particularly outstanding, out of the individuals of middle standing core people taking part in the sites of manufacture and production, people of experts who have supported the traditional and cultural "art" and younger human resources who are taking the tasks on themselves in years to come.

For the second Monodzukuri Nippon Grand Award, 691 applications, associated with the Ministry of Economy, Trade and Industry, were accepted from all over Japan and of the whole applications, 5 Prime Minister Awards and 14 Economy, Trade and Industry Minister Awards were given to "monodzukuri Masters" and "Monodzukuri Teams" for their excellent

achievements. And these recipients of the awards are cooperating, together with people of the Ministry of Economy, Trade and Industry, in informing society, in every opportunity, about their existence as pioneers of Monodzukuri, and the importance of Monodzukuri.

Through the operation of the awarding system, Monodzukuri is directed to materialize communities which are to be formed by the recognition of the importance of "Monodzukuri", while fostering momentum nationwide to form society wherein those who assume "Monodzukuri" can tackle with their tasks with pride and society wherein the rising generation of young men and children can have interest in "Monodzukuri" as their future tasks.

We look forward to a number of applications from people like you, namely, those, who are vitalizing Monodzukuri fields and honing daily their techniques and skills to further develop the Japanese industry, those who are engaged in Monodzukuri while carrying the future of the Japanese industry on their shoulders and those who support such young personnel mentioned above.

"The Third Monodzukuri Nippon Grand Award"

② Field of Products and Technical Development

Awards are given to Japanese individuals and groups who conquered intricate problems that need to be overcome and materialized nonconventional development and practical realization of epoch-making products, parts and production technologies.

第3回ものづくり日本大賞
ニッポン発、世界品質。

ものづくり日本大賞とは

メッセージ

賞の構成

第1回開催

第2回開催

ものづくり日本大賞とは

我が国のものづくりを担う皆さまへ

平成17年8月、政府は新たな総理大臣表彰制度として
「ものづくり日本大賞」を創設しました。
この制度は、我が国の産業・文化の発展を支え、
豊かな国民生活の形成に大きく貢献してきた「ものづくり」を着実に継承し、
さらに発展させていくため、製造・生産現場の中核を担っている中堅人材や、
伝統的・文化的な「技」を支えてきた熟練人材、今後を担う若年人材など、
「ものづくり」に携わっている各世代の人材のうち、
特に優秀と認められる人材等に対して内閣総理大臣賞等を授与するものです。

第2回では、日本全国から経済産業省関係で691件の応募をいただき、
その中から内閣総理大臣賞5件、経済産業大臣賞14件の優秀な
「ものづくり名人」や「ものづくりチーム」を表彰しました。
そして、受賞者の方には、ものづくり人材の先導者として、経済産業省と一緒に、
ものづくりの重要性をあらゆる場面でPRいただいています。

本表彰制度を通じて、「ものづくり」の大切さを再認識し、
国民的に「ものづくり」を盛り上げていく機運を高め、
「ものづくり」に携わる方々が誇りを持って仕事に取り組むことができる社会、
そして次代を担う若者や子供達が尊敬や憧れを抱いて、将来の仕事として
「ものづくり」に関心を持てるような社会の実現を目指していきたいと考えています。

今後、ものづくり現場を活性化させ、我が国の製造業をますます発展させるべく、
日々その技術・技能に磨きをかけている皆さま、
将来の我が国の製造業を背負って立つべくものづくりに取り組んでいる青少年の皆さま
そして、このような青少年を育成しサポートしている皆さま、
多くの方々のご応募を期待しております。

2/2

第3回ものづくり日本大賞
ニッポン発、世界品質。

お問い合

ものづくり日本大賞とは

ものづくり日本大賞とは
メッセージ
賞の構成
第1回開催
第2回開催

賞の構成

「ものづくり日本大賞」は、下記の(1)～(4)の4分野において、特に優れた成果をなしえた
彰します。

(1)産業・社会を支えるものづくり (※第3回の募集対象)

①製造・生産プロセス部門

日本国内において生産技術の抜本的効率化など、製造・生産工程において画期的な
開発・導入によって生産革命を実現させた個人又はグループを表彰します。

②製品・技術開発部門

日本国内において高度な技術的課題を克服し、従来にない画期的な製品・部品や生
用化を実現させた個人又はグループを表彰します。

③伝統技術の応用部門

日本国内において伝統的な技術の工夫や応用によって、革新的・先進的な製品・部品
発・実用化を実現させた個人又はグループを表彰します。

④海外展開部門

日本の製造・生産プロセス、製品・技術開発および伝統技術を東アジア諸国等で展開
の生産性の向上や市場拡大などに貢献した、日系企業に勤める個人又はグループを

(2)文化を支えるものづくり (※募集対象外)

「文化庁長官表彰」の被表彰者のうち、文化財の保存活用及び芸術文化を支えるもの
た実績を有する個人又は団体を表彰します。

(3)ものづくりを支える高度な技能 (※募集対象外)

①ものづくりの現場を支える高度な技能部門

「卓越した技能者の表彰(現代の名工)」、「優秀施工者国土交通大臣表彰(建設マス
功労者表彰」の被表彰者のうち、特に優秀であると認められる個人を表彰します。

(4)ものづくりの将来を担う高度な技術・技能

①一般部門(就業者)(※募集対象外)

「技能五輪国際大会」の金メダリストを表彰します。